

IN THE CLAIMS

A listing of the pending claims is presented below.

1. (Previously Presented) A client for use in a television system, wherein the client is located in a television viewer home and comprises:

a receiver configured to receive a programming signal;

an interface configured to communicate with a secondary device external to the client;
and

a transcode subsystem coupled to the receiver and the interface, wherein the transcode subsystem is configured to:

detect a communication from the secondary device;

determine a target data format corresponding to the secondary device;

convey a request to an external entity for a transcode subunit corresponding to said target data format, in response to determining the transcode subsystem is not configured to support said target data format;

retrieve the transcode subunit from an external entity, responsive to the request;

receive data targeted to the secondary device, wherein the received data comprises a first data format;

determine whether the first data format is compatible with the secondary device;

identify the transcode subunit as corresponding to both the first data format and

the target data format, in response to determining the first data format is not compatible with the secondary device; and

initiate transcoding of the received data from the first data format to the target data format using the transcode subunit.

2. (Original) The client of claim 1, wherein the transcode subsystem includes a config table configured to associate the secondary device with the target data format.
3. (Previously Presented) The client of claim 1, wherein the transcode subsystem comprises a control unit configured to access the config table to determine the target data format, and wherein the transcode subsystem is further configured to register the secondary device in response to determining the transcode subsystem is configured to support said target data format.
4. (Original) The client of claim 1, wherein the transcode subsystem comprises a transcode subunit configured to perform the transcoding.
5. (Original) The client of claim 4, wherein the transcode subsystem further comprises a second transcode subunit configured to transcode data to a second data format.
6. (Original) The client of claim 2, wherein the transcode subsystem is configured to: detect an additional secondary device; and register the additional secondary device.
7. (Original) The client of claim 6, wherein registering the additional secondary device comprises storing an entry corresponding to the secondary device in the config table, wherein the entry indicates the corresponding target data format.
8. (Previously Presented) The client as recited in claim 1, wherein the transcode subsystem is configured to discard the received data in response to determining the first data format

is not compatible with the secondary device, and determining no transcode subunit corresponding to both the first data format and the target data format is available.

9. (Previously Presented) The client of claim 1, wherein the transcode subunit is further configured to display an indication to a viewer as to where the transcode subunit may be obtained, in response to determining said transcode subunit is not automatically retrievable.
10. (Previously Presented) The client of claim 9, wherein said indication comprises a message selected from the group consisting of: a location where the requested subunit may be purchased; and a link to a website where the requested subunit may be obtained.
11. (Cancelled).
12. (Original) The client of claim 1, wherein the client is further configured to: receive a first request from the secondary device for remote data; and generate a second request corresponding to said first request, wherein said second request does not include an indication of a data format required by said secondary device.
13. (Previously Presented) A method for transcoding in a television receiver located in a viewer home, the method comprising:
detecting a communication received from a secondary device;
determining a target data format corresponding to said secondary device;
conveying a request to an external entity for a transcode subunit corresponding to said target data format, in response to determining the transcode subsystem is not configured to support the target data format;
retrieve the transcode subunit from an external entity, responsive to the request;
receiving data targeted to the secondary device, wherein the received data comprises a first data format;
determining whether the first data format is compatible with the secondary device;
identifying the transcode subunit as corresponding to both the first data format and the

target data format, in response to determining the first data format is not compatible with the secondary device; and

transcoding the received data from the first data format to the target data format using the transcode subunit.

14. (Previously Presented) The method of claim 13, further comprising accessing a config table to determine the target data format; and registering the secondary device in response to determining a transcode subsystem of the receiver is configured to support said data format.

15. (Original) The method of claim 14, further comprising:
detecting an additional secondary device; and
registering the additional secondary device.

16. (Original) The method of claim 15, wherein registering the secondary device comprises storing an entry corresponding to the additional secondary device in the config table, wherein the entry indicates a data format corresponding to the additional secondary device.

17. (Previously Presented) The method as recited in claim 13, further comprising discarding the received data, in response to determining the first data format is not compatible with the secondary device, and determining no transcode subunit corresponding to both the first data format and the target data format is available.

18. (Previously Presented) The method of claim 13, further comprising displaying an indication to a viewer as to where the transcode subunit may be obtained, in response to determining said transcode subunit is not automatically retrievable.

19. (Previously Presented) The method of claim 18, wherein said indication comprises a message selected from the group consisting of: a location where the requested subunit may be purchased; and a link to a website where the requested subunit may be obtained.

20. (Previously Presented) A television system comprising:
 - a first source for conveying a programming signal;
 - a proxy receiver configured to receive the programming signal, wherein the proxy receiver is located in a viewer home; and
 - a secondary device coupled to the proxy receiver;wherein the proxy receiver is configured to:
 - detect a communication from said secondary device;
 - determine a target data format corresponding to the secondary device;
 - convey a request to an external entity for a transcode subunit corresponding to said target data format, in response to determining the transcode subsystem is not configured to support said target data format;
 - retrieve the transcode subunit from an external entity, responsive to the request;
 - receive data targeted to the secondary device, wherein the received data comprises a first data format;
 - determine whether the first data format is compatible with the secondary device;
 - identify the transcode subunit as corresponding to both the first data format and the target data format, in response to determining the first data format is not compatible with the secondary device; and

initiate transcoding of the received data from the first data format to the target data format using the transcode subunit.
21. (Previously Presented) The television system of claim 20, wherein the proxy receiver is configured to access a config table to determine the target data format; and wherein the proxy receiver is further configured to register the secondary device in response to determining the transcode subsystem is configured to support said target data format.
22. (Original) The television system of claim 21, wherein the proxy receiver is configured to:
 - detect an additional secondary device; and
 - register the additional secondary device.

23. (Original) The television system of claim 22, wherein registering the additional secondary device comprises storing an entry corresponding to the secondary device in the config table, wherein the entry indicates an association between the corresponding target data format and the additional secondary device.
24. (Previously Presented) The television system as recited in claim 20, wherein said proxy receiver is configured to discard the received data in response to determining the first data format is not compatible with the secondary device, and determining no transcode subunit corresponding to both the first data format and the target data format is available.
25. (Original) The television system of claim 20, wherein the proxy receiver is further configured to:
detect a communication from an unregistered secondary device; and
register the unregistered secondary device in response to determining the proxy receiver is configured to support a data format corresponding to the unregistered secondary device.
26. (Previously Presented) The television system of claim 25, wherein the proxy receiver is further configured to display an indication to a viewer as to where the transcode subunit may be obtained, in response to determining said transcode subunit is not automatically retrievable.
27. (Previously Presented) The television system of claim 26, wherein said indication comprises a message selected from the group consisting of: a location where the requested subunit may be purchased; and a link to a website where the requested subunit may be obtained.
28. (Previously Presented) The client as recited in claim 1, wherein the transcode subsystem is configured to store a plurality of transcode subunits, each of which transcodes data from one format to a different format.

29. (Previously Presented) The client as recited in claim 1, wherein said secondary device is selected from the group consisting of: a television, personal digital assistant, video monitor, video camera, electronic tablet, audio speakers, audio receiver, cell phone, game console, web based server, and a remote control.
30. (Previously Presented) The client as recited in claim 1, wherein the transcode subsystem is further configured to automatically retrieve the transcode subunit from an external entity without receiving a user request for the transcode unit.
31. (Previously Presented) The method as recited in claim 13, further comprising automatically retrieving the transcode subunit from an external entity without receiving a user request for the transcode unit.
32. (Previously Presented) The television system of claim as recited in claim 20, wherein the proxy receiver is further configured to automatically retrieve the transcode subunit from an external entity without receiving a user request for the transcode unit.